

## **Purpose**

The purpose of the Montana Information Security Advisory Council (MT-ISAC) is to advise the Governor with respect to a statewide strategic information security program. (Governor Bullock executive order 05-2015)

## **Guiding Principles**

- Citizen information privacy is paramount.
- Information security policies, processes, and laws will support and not hamper State of Montana businesses or government.
- Share appropriate information and best practices between public and private sectors.
- Unwarranted duplication will be minimized by sharing data, IT infrastructure, systems, processes, applications, and services where applicable.
- Flexibility: Some organizations have different security requirements and therefore security solutions should be tailored to address the level of risk present.

## **Mission**

The mission of the State of Montana's Information Security Advisory Council (MT-ISAC) is to recommend an integrated interagency information security strategy to enhance the State information security posture.

The strategy includes the following goals that follow the NIST Security Framework of identify, protect, detect, respond, and recover and provides the foundation for the objectives below them. These objectives are for the current biennium and are recommendations to do the stated action. They have been designed to improve the state's situational awareness by developing a strong governance, posture, and response toward a current and future security strategy.

## **Objectives of the MT-ISAC**

### **Governance**

Collaborate with State Universities to gain perspective of their cybersecurity preparedness and the threats that they face.

Recommend new legislation or update current statutes, administrative and criminal, to address the present-day information security environment.

Encourage development of a trained and educated information security workforce in Montana through the University System with private sector input. Include an apprenticeship or internship program. Have one institution become a Center of Excellence for Cyber Education.

Complete a cost analysis for cybersecurity for the State of Montana, which would include recommendations on investment in cybersecurity.

## **Posture**

Develop an external focused campaign to deliver the message of information security in a positive and informational manner that engages the listener and encourages them to integrate information security into their daily activities.

Collaborate with private industry to understand the information security posture of critical infrastructure.

Collaborate with other states on cyber best practices for Montana's National Guard, which would include penetration testing. Develop the standard to allow Montana's National Guard to perform penetration testing on state systems to identify risks.

Develop a plan to increase the education of Montana's law enforcement group regarding information security.

Develop an annual cyber table top exercise which includes invites to state and local governments, state universities, private sector entities and utility companies. Conduct a real time cyber exercise.

## **Response**

Evaluate the State of Montana's and or Montana National Guard's role with private sector in an event of a large scale cyber-attack within Montana.

Research and recommend criminal investigative response in coordination with DHS, DOA, DOJ, and FBI.

Explore additional resources in DOJ/DCI for Network Cyber Investigations.